

REMARKS

The Office Action mailed April 29, 2005, has been received and the Examiner's comments carefully reviewed. Claims 36-49 have been canceled without prejudice or disclaimer. Features of dependent claims 51-53 have been incorporated into independent claim 50, and claims 51-53 have been canceled accordingly. Dependent claim 54 has been amended to now depend from claim 50. New independent claim 55 and new dependent claims 56-62 that depend from claim 55 have been added. No new matter has been added. Claims 50 and 54-62 are currently pending. Favorable reconsideration of this application is requested in view of the following remarks.

Support for New Claims

New claim 55 is supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0054] on pages 9-10, paragraphs [0061] and [0063] on page 12, paragraph [0096] on page 21, and paragraph [0097] on page 22 of the current specification.

New claims 56 and 57 are supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0061] on page 12 of the current specification.

New claim 58 is supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0054] on pages 9-10 of the current specification.

New claim 59 is supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0064] on pages 12-13 of the current specification.

New claim 60 is supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0097] on page 22 of the current specification.

New claim 61 is supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0096] on page 21 and paragraph [0097] on page 22 of the current specification.

New claim 62 is supported by, for example, Figures 16A and 16B of the application and the related description in paragraph [0063] on page 12 of the current specification.

Election/Restrictions

In the Office Action, it is stated that claims 52 and 53 have been withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a non-elected species, there being no allowable generic or linking claim. It is also stated that these claims contain subject matter which is not disclosed as being part of the elected species of Figure 16A.

As noted above, features of claims 51-53 have been incorporated into independent claim 50. Applicants would respectfully like to point out that claims 52 and 53 (now part of claim 50) contain subject matter which is disclosed as being part of the elected species of Figure 16A and therefore are requested to be reinstated for prosecution. Features of claim 52 include a carbon-filled cap material and features of claim 53 include a non-grounded conductive cap material. Applicants respectfully submit that these features are disclosed and shown as being part of the elected species of Figure 16A. For example, it is stated in paragraph [0097] of the current specification that "Fig. 16B shows another perspective view of the shield structure 120-8 of Fig. 16A. As shown in Fig. 16B, the shield structure 120-8 may also include a shield section 1640 positioned at the back of the jack 135. The shield section 1640 can include any of the characteristics discussed above in relation to the shield section 140." In paragraph [0061] of the current specification, it is stated that "For example, the shield structure 120 can include a non-conductive material, such as resinous or plastic material, which is impregnated with conductive elements. The conductive elements may include but are not limited to conductive carbon loads, stainless steel fibers, micro-spheres, and plated beads." In paragraph [0063] of the current specification, it is stated that "Preferably, the conductive material of the shield structure 120 is not grounded." And in paragraph [0065] of the current specification, it is stated that "For example, the shield structure 120 can include thin shield sections 140 configured to fit between the adjacent jacks 135 without electrically contacting cabling conductors that are connected to the IDC's of the jacks 135."

Therefore, Applicants respectfully submit that the features of claims 52 and 53 are disclosed as being part of the elected species of Figure 16A. Moreover, the features of claims 52 and 53 are shown in Figure 16A. For example, in certain embodiments, the carbon in the

carbon-filled material may not be visible through the resinous or plastic material. Thus, claims 52 and 53 are requested to be reinstated for prosecution.

Applicants respectfully submit that the above-discussion is also applicable to the newly added claims 55-62, all of which also read on the elected species of Figure 16A.

Claim Rejections - 35 USC § 102

In the Office Action, claims 36, 38, 41-43, 45, 46, 49-51 and 54 have been rejected under 35 U.S.C. 102(b) as being anticipated by Lim (5,685,740). Applicants respectfully traverse this rejection.

As noted above, claims 36-49 have been cancelled without prejudice or disclaimer. Applicants respectfully submit that the rejection is now moot with respect to claims 36, 38, 41-43, 45, 46, and 49. Applicants are not conceding the correctness of the rejection for these claims.

As noted above, features of claim 51 along with claims 52 and 53 have been incorporated into independent claim 50. Claim 50, as amended, recites, among other things, a cap manufactured of a material configured to minimize transmission of electrical signal away from its intended path, the cap constructed to form a shield structure along the top, the back, and the two sides of an insulation displacement contact housing of a jack, wherein the cap includes carbon filled material, the carbon in the carbon filled material being conductive, wherein the conductive material of the cap is not grounded.

Unlike the invention of claim 50, Lim fails to disclose or suggest a cap manufactured of a material configured to minimize transmission of electrical signal away from its intended path, wherein the cap is constructed to form a shield structure along the top, the back, and the two sides of an insulation displacement contact housing of a jack, wherein the cap includes carbon filled material, the carbon in the carbon filled material being conductive, wherein the conductive material of the cap is not grounded. The cap (26, 28) disclosed in Lim is not made out of carbon-filled material. Instead, the cap (26, 28) disclosed in Lim includes metal portions. Moreover, the cap in Lim is grounded and used to ground the conductive cable shield. As generally described

in column 5, lines 1-5 and lines 45-51 of Lim, the stuffer member (28) includes electrically conductive parts 28c and 28d that are in electrical conductive relation with the sidewalls 26g and 26f of the sheet member 26, the stuffer member 28 and the sheet member 26 jointly operating to provide electrical continuity with the cable shield.

Furthermore, since the cap (26, 28) in Lim is used to provide electrical continuity with and to ground the cable shield, there would have been no motivation for one skilled in the art to modify the cap in Lim to make it ungrounded.

Thus, Lim fails to disclose or suggest all of the features recited in claim 50 and for at least this reason, claim 50 is patentable over Lim. Claim 54 depends from and further narrows claim 50 and is patentable for at least the same reasons specified with respect to claim 50.

Patentability of New Claims

New independent claim 55, recites, among other things, a telecommunications device comprising a jack and a cap manufactured of a material configured to minimize transmission of electrical signal away from its intended path, the cap constructed to fit about the jack, the cap including an electrically non-conductive material which is impregnated with an electrically conductive material such that the cap is overall electrically non-conductive, wherein the electrically conductive material of the cap is not constructed to be grounded when the jack is terminated to a cable.

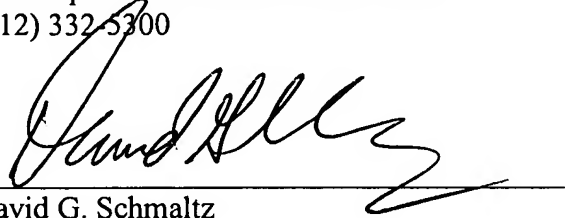
As discussed above with respect to claim 50, Lim fails to disclose or suggest a cap manufactured from an electrically non-conductive material which is impregnated with an electrically conductive material such that the cap is overall electrically non-conductive, wherein the electrically conductive material of the cap is not grounded. As discussed previously, the cap in Lim includes metal portions and is used to provide electrical continuity between the cable shield and each of the stuffer member and the sheet member to ground the cable shield. Thus, Lim fails to disclose or suggest all of the features recited in claim 55 and for at least this reason, claim 55 is patentable over Lim. Claims 56-62 depend from and further narrow claim 55 and are patentable for at least the same reasons specified with respect to claim 55.

In view of the above amendments and remarks, Applicant respectfully requests a Notice of Allowance. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,

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